

Applicant: Craig T. Basson
Application Serial No.: 10/725,811
Filing Date: December 2, 2003
Docket No.: 955-12 DIV
Response to Office Action mailed April 30, 2007
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AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions of listing of claims, and listing of claims in the application.

Listing of Claims

1-22. (Canceled).

23. (Currently amended) A method of inhibiting the proliferation of a cell, the method comprising introducing into the cell a polypeptide capable of binding to the major groove of target DNA, wherein the polypeptide comprises ~~comprising~~ a translated human 5' T-box sequence of TBX5 ~~capable of binding to the major groove of target DNA.~~

24. (Canceled)

25. (Previously presented) The method according to claim 23, wherein the polypeptide is introduced into the cell by expressing in the cell a nucleic acid molecule that encodes the polypeptide.

26. (Previously presented) The method according to claim 23, wherein the 5' T-box sequence is a human 5' T-box sequence.

27. (Canceled)

28. (Previously presented) The method according to claim 23, wherein the cell is a malignant cell.

29. (Previously presented) The method according to claim 28, wherein the malignant cell is a carcinoma, osteocarcinoma, sarcoma, osteosarcoma, glioma, melanoma, myxoma, adenoma, or rhabdomyoma-derived cell.

30. (Canceled)

31. (Previously presented) The method according to claim 23, wherein the cell is a metastasized cell.

32. (Canceled)

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33. (Previously presented) The method according to claim 23, wherein the proliferation is inhibited in vivo.
34. (Canceled)
- 35-69. (Canceled)